

Converting Colors

Hex(E55D88)

Have a look what the booklet for
Hex(E55D88) contains.

Hex(E55D88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E55D88)

Conversions

Conversions Part 1

Format	Color
Hex	E55D88
RGB	229, 93, 136
RGB Percent	90%, 36%, 53%
CMY	0.1020, 0.6353, 0.4667
CMYK	0.00, 0.59, 0.41, 0.10
HSL	341°, 72%, 63%
HSV	341°, 59%, 90%
XYZ	40.6714, 26.2643, 26.2184
YIQ	138.5660, 67.2530, 42.2050

Conversions

Conversions Part 2

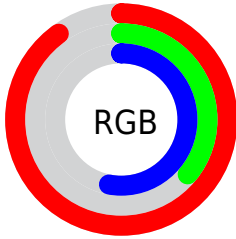
Format	Color
R _Y B	229, 93, 136
Decimal	15031688
CIE Lab	58.29, 56.58, 3.65
CIE LCh	58, 56.694, 3.696
Yxy	26.2643, 0.4366, 0.2819
Android (android.graphics.Color)	4293221768 (0xFFE55D88)
YUV	138.5660, -1.2650, 79.3106
Hunter-Lab	51.2487, 51.9738, 5.5418

Details

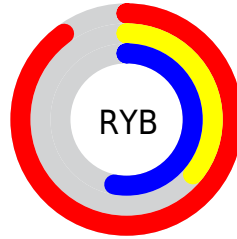
The Hex color **E55D88** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5DE5BA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF95BD**, and **A92256** is the 20% darker color. If you saturate the color by 10%, you get **E54678**, and if you desaturate by 10%, it is **E57498**.

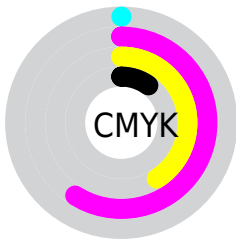
Distribution



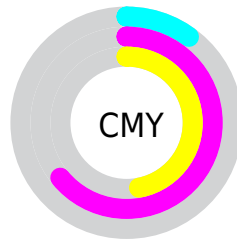
- Red (90%)
- Green (36%)
- Blue (53%)



- Red (90%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (10%)



- Cyan (10%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E55D88 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E55D88 by changing the saturation by 10% instead.

 E55D88

 E55D88

FFFFFF

 C7416F

 FF95BD

 A92256

 FFB1D9

 8C003F

 FFCEF5

 6F002A

 FFE8FF

 530016

 390002

 0F0000

 000000

 E55D88

 E55D88

 E54678

 E57498

 E52F69

 E58BA7

 E51859

 E5A2B7

 E50149

 E5B9C7

 E50048

 E5D0D6

 E5E6E6

 E5FDF6

 E5FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CD67B9



E55D88



E26658

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E55D88



6D9933



009DE5

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E55D88



5DE5BA

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A3C2



E55D88



0DA15E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E55D88



A08C1D



00A491



1290EF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E55D88



D3723C



00A491



009FDB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E55D88



FFD1E0



BA5DE5



80636C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E55D88



FF4A83



E5765D



73676B



B30038



330010

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E55D88



FF4A83



5DCCE5



73676B



B30038



330010

Previews

White Background



This preview shows how the Hex color E55D88 looks on a white background.

Color Contrast Check

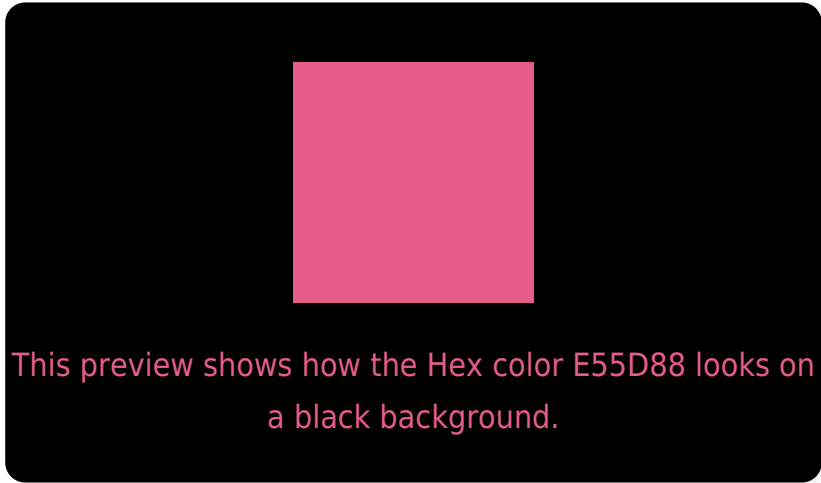
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E55D88 Background



This preview shows how black text looks on a background with the Hex color E55D88.

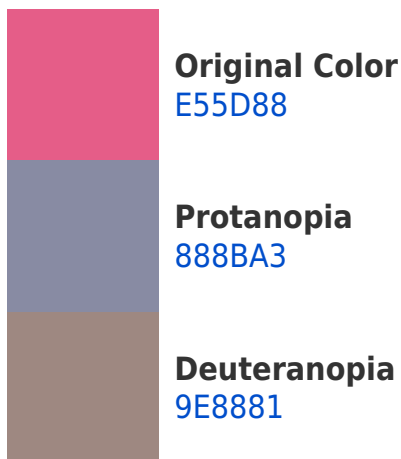



This preview shows how white text looks on a background with the Hex color E55D88.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
E3636A

Trichromacy



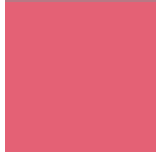
Original Color
E55D88



Protanomaly
AA7A99



Deuteranomaly
B87884

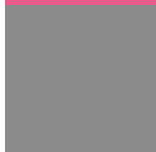


Tritanomaly
E46175

Monochromacy



Original Color
E55D88



Achromatopsia
8B8B8B



Achromatomaly
AC7A8A

CSS Examples

Text

The CSS property to change the color of the text to Hex E55D88 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E55D88 looks like.

```
.text, #text, p{  
    color:#E55D88  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E55D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E55D88
}
```

Border

The CSS property to change the border of an element to Hex E55D88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E55D88 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E55D88 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E55D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E55D88; -webkit-box-shadow:4px 4px  
4px 4px #E55D88; box-shadow:4px 4px 4px  
4px #E55D88 }
```

Background

The CSS property to change the background color of an element to Hex E55D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E55D88 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E55D88 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor